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YANAGAWA HIROHIKO(54) DIRECT EMBEDDING AND LAYING METHOD FOR
OPTICAL FIBER CABLE

(57) Abstract:

PURPOSE: To provide the method for embedding and laying the optical fiber cable under the ground at low cost.

CONSTITUTION: A pipe cable 1 is manufactured to short piece length by providing a jacket which withstands direct embedding and laying and storing an insertion tube 6 for an optical fiber 11. This is directly embedded and laid under the ground between connection boxes 3 provided in pits 4. A digging section on a road has road digging limit length A. While pipe cables 1 are connected, laying, back filling, and road restoration are repeated. After the pipe cables 1 are laid, an optical fiber with long piece length is sent in the tube 6 for optical fiber insertion with compressed air and thus directly embedded and laid.

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